

## BRUSHLESS D.C. MOTOR

## ABSTRACT OF THE DISCLOSURE

A brushless D.C. motor having a tolerance band that is used to retain the stator in the motor housing. The tolerance band has a plurality of waves formed along its length. The tolerance band is mounted within a housing groove, through  
5 which the stator is pressed. The tolerance band waves are compressed as the stator is pressed into motor housing. The compressed waves act as a radial spring to retain the stator in the housing with a minimal amount of radial force.

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